

What is claimed is:

09987668-111501

1. A method of assembling magnetic circuitry for an MRI (magnetic resonance imaging) system, the MRI system comprising two permanent magnets provided within a yoke such as to face each other for generating a magnetic field in a space defined therebetween, and two pole pieces respectively provided on opposing surfaces of said permanent magnets, said method comprising the step of:

installing one of the pole pieces at a predetermined position of the corresponding permanent magnet by sliding the pole piece on said corresponding permanent magnet in a direction parallel with a main surface of said corresponding permanent magnet on which said one of the pole pieces is to be installed.

2. The method as claimed in claim 1, wherein lubricant oil is previously applied to portions where the pole piece is to contact the permanent magnet.

3. A method of assembling magnetic circuitry for an MRI (magnetic resonance imaging) system, the MRI system comprising two permanent magnets provided within a yoke such as to face each other for generating magnetic field in a space defined therebetween, and two pole pieces respectively provided on opposing surfaces of said permanent magnets, said method comprising the steps of:

installing one of the pole pieces at a predetermined position of the corresponding permanent magnet by sliding said one of the pole pieces on said corresponding permanent magnet in a direction parallel with a main surface of said corresponding permanent magnet on which said one of the pole pieces is to be installed; and

installing the other pole piece at a predetermined position of the other permanent magnet by sliding said other pole piece on the permanent magnet in a direction parallel with a main surface of the permanent magnet on which the pole piece is to be installed.

4. The method as claimed in claim 3, wherein lubricant oil is previously applied to portions where the pole piece is to contact the permanent magnet.

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